UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

32205

10/682,610

7590

06/15/2007

PATTI, HEWITT & AREZINA LLC ONE NORTH LASALLE STREET 44TH FLOOR CHICAGO, IL 60602

	,
EXA	MINER
VUONG, C	QUOCHIEN B
ART UNIT	PAPER NUMBER
2618	

DATE MAILED: 06/15/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/682,610	10/09/2003	Nicholas F. DiCamillo	22-0153	3256

TITLE OF INVENTION: SIGNAL PROCESSING APPARATUS AND METHOD, AND COMMUNICATION SYSTEM UTILIZING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonnrovisional	NO	\$1400	\$300	\$0	\$1700	09/17/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

			,				
INSTRUCTIONS: This appropriate. All further a indicated unless correcte maintenance fee notificat	correspondence includired below or directed oth	or transmitting the ISSU ing the Patent, advance or in Block 1, by (a	ders and notification of a specifying a new corre	maintenance fees v spondence address;	vill be i and/or	mailed to the current (b) indicating a sepa	hould be completed where correspondence address as trate "FEE ADDRESS" for
CURRENT CORRESPONDE	ENCE ADDRESS (Note: Use BI	ock 1 for any change of address)	Fce pap	(s) Transmittal. The ers. Each additions	is certif	can only be used for icate cannot be used for such as an assignme ling or transmission.	r domestic mailings of the or any other accompanying nt or formal drawing, must
32205	7590 06/15	/2007				J	t
ONE NORTH LA	ΓΤ & AREZINA ASALLE STREET	LLC	I he Sta add trar	creby certify that the tes Postal Service versed to the Mail smitted to the USP	is Fee(s vith suff Stop TO (57	of Mailing or Trans) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the d	g deposited with the United it class mail in an envelope above, or being facsimile ate indicated below.
CHICAGO, IL 6	0602					•	(Depositor's name)
							(Signature)
•							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/682,610	10/09/2003		Nicholas F. DiCamillo			22-0153	3256
•		G APPARATUS AND M	IETHOD, AND COMMU	NICATION SYST	EM UT	ILIZING SAME	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700	09/17/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
VUONG, QU	OCHIEN B	2618	370-343000	•			
1. Change of corresponde	nce address or indicatio	n of "Fee Address" (37	2. For printing on the	patent front page, li	st		
CFR 1.363). Change of correspondence of corresp	ondence address (or Cha 3/122) attached.	nge of Correspondence	(1) the names of up to or agents OR, alternati		it attorn	eys 1	
_	3/122) attached. cation (or "Fee Address		(2) the name of a sing registered attorney or	le firm (having as a agent) and the nam	members of up	era 2 oto	
PTO/SB/47; Rev 03-0 Number is required.	2 or more recent) attach	ed. Use of a Customer	2 registered patent atto listed, no name will be	orneys or agents. If	no nam	c is 3	
			THE PATENT (print or ty				
PLEASE NOTE: Unle recordation as set forth	ess an assignee is ident 1 in 37 CFR 3.11. Comp	ified below, no assignee oletion of this form is NO	data will appear on the p T a substitute for filing an	atent. If an assign assignment.	ee is id	lentified below, the d	ocument has been filed for
(A) NAME OF ASSIC			(B) RESIDENCE: (CITY				
Please check the appropri	ate assignce category or	categories (will not be pr	inted on the patent):	Individual 🗆 C	orporati	on or other private gro	oup entity Government
4a. The following fee(s) a	are submitted:	41	o. Payment of Fee(s): (Ple	ase first reapply a	ny prev	iously paid issue fee	shown above)
Issue Fee			A check is enclosed.				
	o small entity discount p		Payment by credit ca				G.:
Advance Order - # of Copies The Director is hereby authorized to charge the required fec(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).							
5. Change in Entity Stat	•					•	
	S SMALL ENTITY state		☐ b. Applicant is no lor				
NOTE: The Issue Fee and interest as shown by the r	d Publication Fee (if req ecords of the United Sta	uired) will not be accepted tes Patent and Trademark	Office.	the applicant; a reg	istered a	ittomey or agent; or th	ne assignce or other party in
Authorized Signature			·	Date			
Typed or printed name	>			Registration N	√o		
This collection of informa an application. Confident submitting the completed	ation is required by 37 Ciality is governed by 35 I application form to the one for reducing this by	CFR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary	on is required to obtain or 1.14. This collection is es depending upon the indi	retain a benefit by the timated to take 12 vidual case. Any co	the publiminutes	ic which is to file (and to complete, including s on the amount of the park Office, 118, Dep	by the USPTO to process) ag gathering, preparing, and ne you require to complete artment of Commerce, P.O.

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/682,610	10/09/2003	Nicholas F. DiCamillo	22-0153	3256		
32205	7590 06/15/2007		EXAM	INER		
PATTI, HEWITT & AREZINA LLC			VUONG, QUOCHIEN B			
ONE NORTH LA	ASALLE STREET		ART UNIT	PAPER NUMBER		
44TH FLOOR CHICAGO, IL 60	0602		2618 DATE MAILED: 06/15/200	7 .		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 776 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 776 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.